

11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209 501-455-3233 Fax 501-455-6118

01 August 2013

Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221

RE: Arkwood Monthly Sampling

SDG Number: 1307292

Enclosed are the results of analyses for samples received by the laboratory on 24-Jul-13 12:15. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals					
Containers Correct	~				
COC/Labels Agree	~				
Preservation Confirmed	~				
Received On Ice	~				
Temperature on Receipt	2.0°C				

Sincerely,

Norma James President

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Jim Fleer Oxford Environmental & Safety, Inc 14348 Nieman Rd. Overland Park, KS 66221

Project: Arkwood Monthly Sampling

Date Received: 24-Jul-13 12:15

ANALYTICAL RESULTS

Lab Number: 1307292-01
Sample Name: Mouth
Date/Time Collected: 7/23/13 13:25
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	Qualifier(s)	Date/Time Analyzed	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	27.1		7/24/13 18:43	A307292	8270D
2,4,6-Tribromophenol [surr]	%	99.9		7/24/13 18:43	A307292	8270D
2-Fluorophenol [surr]	%	50.4		7/24/13 18:43	A307292	8270D
Phenol-d5 [surr]	%	35.3		7/24/13 18:43	A307292	8270D

ANALYTICAL RESULTS

Lab Number: 1307292-02
Sample Name: Weir
Date/Time Collected: 7/23/13 12:55
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	Qualifier(s)	Date/Time Analyzed	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	< 1.00		7/24/13 19:05	A307292	8270D
2,4,6-Tribromophenol [surr]	%	53.1		7/24/13 19:05	A307292	8270D
2-Fluorophenol [surr]	%	19.8		7/24/13 19:05	A307292	8270D
Phenol-d5 [surr]	%	18.7		7/24/13 19:05	A307292	8270D

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QUALITY CONTROL RESULTS

Semivolatiles - Quality Control

Analyzed: 24-Jul-13 12:20 By: TB											
	Reporting			Spike	Source		%REC		RPD		
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	
Batch A307292 - 3510C Modified											
Blank (A307292-BLK1)	Pre				k Analyzed:	24-Jul-13					
Pentachlorophenol	ND	1.00	ug/L								
Surrogate: 2,4,6-Tribromophenol	38.6		"	40.0		96.4	26-130				
Surrogate: 2-Fluorophenol	18.3		"	40.0		45.9	10-80				
Surrogate: Phenol-d5	13.6		"	40.0		34.0	10-58				
LCS (A307292-BS1)				Prepared 8	k Analyzed:	24-Jul-13					
Pentachlorophenol	35.5	1.00	ug/L	40.0		88.8	69-129				
Surrogate: 2,4,6-Tribromophenol	37.6		"	40.0		94.0	26-130				
Surrogate: 2-Fluorophenol	20.9		"	40.0		52.3	10-80				
Surrogate: Phenol-d5	15.7		"	40.0		39.3	5-58				
Matrix Spike (A307292-MS1)	Sour	ce: 13072	47-01	Prepared 8	k Analyzed:	24-Jul-13					
Pentachlorophenol	33.2	1.00	ug/L	40.0	0.306	82.2	50-139				
Surrogate: 2,4,6-Tribromophenol	37.7		"	40.0		94.2	26-130				
Surrogate: 2-Fluorophenol	18.4		"	40.0		46.0	10-80				
Surrogate: Phenol-d5	14.0		"	40.0		35.0	10-58				
Matrix Spike Dup (A307292-MSD1)	Source: 1307247-01		Prepared & Analyzed: 24-Jul-13								
Pentachlorophenol	37.6	1.00	ug/L	40.0	0.306	93.2	50-139	12.4	27		
Surrogate: 2,4,6-Tribromophenol	40.3		"	40.0		101	26-130				
Surrogate: 2-Fluorophenol	20.6		"	40.0		51.4	10-80				
Surrogate: Phenol-d5	14.9		"	40.0		37.3	10-58				

All Analysis performed according to EPA approved methodology when available:

SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by:

Norma James President Arkansas Analytical



11701 Interstate 30, Bldg. 1, Ste. 115 Little Rock, AR 72209

PHONE: 501-455-3233 FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION					Project Des	cription	Turnaround Time				Preservation Codes:					
Oxford Environmental & Safety, Inc.				Arkwood Monthly Sampling			24 Hour	24 Hour 1. Cool, 4 Degrees Ce				entigrade 4. Thiosulfate for Dechlorinati				
14348 Nieman Rd.							48 Hour	48 Hour 2. Sulfuric Acid (H ₂ So						ochloric Acid(HC		
Overland Park KS 66221				Reporting Information			72 Hour	01 E					6. Sodiu	m Hydroxide (Na	OH), pH > 12	
		Telephone: 9				3-706-3422									Bottle Type Code	
Attn: Jim Fleer				E	mail: jfleer@oxfo	: jfleer@oxfordeands.com		1							G = Glass; P = Plastic	
							Bottle Type:	GA							V = Septum; A = Amber	
Sampler(s) Signature	Sam	pler(s) Print	ed				Pentachlorophenol (8270D)	3						Arkansas Analytical Work Order Number:	
Field SAMPLE COLLECT	ION		Number			SAMPLE		tach (0D)								
Number Date/s Tim	ne/s Grain	Comp	of Bottles	Sample	IDENTIF	ICATION/ DES	CRIPTION	Pent 827							307292-	
7/23/13 13:2		1	1		Mouth			X							01	
7/23/13 12:5:			<u> </u>			7						-			02	
1(27(1) 12.3.	X	-	1_	Water	vveir			X				-			02	
		-														
	250															
		-														
9					8		- 2									
1. Relinquished by: (Signature) Date/Time	10	2. Red	ceived	by: (Sig	nature)	SAMPLE	CONDITION UPON I	RECEIPT	IN LAB		RI	EMARK	S/SAI	MPLE COMM	ENTS	
712	3/13					1. CUSTODY SE	ALS:	√ Ye:	sNo	MS/	MSD Co	llected	from:	Wer		
Fan 1	1:30		11-	5		2. CONTAINERS	CORRECT:	1	sNo		,104°					
	A P		-(1			3. COC/LABELS			sNo	021	Parz 1 Concil	570		Wen	Mouth	
3. Relinquished by: (Signature) Date/Time	9	4. Red	eived	by lab:	(Signature)	4. PRESERVATI	ON CONFIRMED:	Yes	sNo	02	Conc. 1	9.5	v	1 7.76		
710	211/12	VEC				5. RECEIVED OF		and the same of	No	02	Res: 6	0.04	D	0% 249.7	6.19 43.4	
	4113	9		mi		6. TEMPERATUR		200						mp 19.74		
Revision 1	215			To	(m2		COMPLETION BY	LAB ON	LY					Ψ',		